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Sheet

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of

2

## Application Number

10/030,452

Filing Date

January 10, 2002

**First Named Inventor**

Masayuki YABUTA et al.

**Group Art Unit**

1646

**Examiner Name**

**To Be Assigned**

Attorney Docket Number

58777.000008

[illegible][illegible]

Date Considered

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patent document. Kind of document by which an invention is made known to the public.  
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PTO/SB/08A (08-00)

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Sheet 2 of 2

## Complete if Known

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Group Art Unit	1646
Examiner Name	To Be Assigned
Attorney Docket Number	58777.000008

## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	P1	TSAI, Larry B. et al., "Control of Misincorporation of <i>De Novo</i> Synthesized Norleucine into Recombinant Interleukin-2 in <i>E. Coli</i> ," <i>Biochemical and Biophysical Communications</i> , 156(2):733-739 (1988).	
	P2	BOGOSIAN, George, "Biosynthesis and Incorporation into Protein of Norleucine by <i>Escherichia coli</i> ," <i>The Journal of Biological Chemistry</i> , 264(1):531-539 (1989).	
	P3	APOSTOL, Izydor, et al., "Incorporation of Norvaline at Leucine Positions in Recombinant Human Hemoglobin Expressed in <i>Escherichia coli</i> ," <i>The Journal of Biological Chemistry</i> , 272(46):28980-28988 (1997).	
	P4	KANGAWA, Kenji, et al., "Purification and Complete Amino Acid Sequence of $\alpha$ -Human Atrial Natriuretic Polypeptide ( $\alpha$ -hANP)," <i>Biochemical and Biophysical Research Communications</i> , 118(1):131-139 (1984).	
	P5	MASAKI, Takeharu: et al., "Studies on a New Proteolytic Enzyme from <i>Achromobacter Lyticus</i> M4971 II. Specificity and Inhibition Studies of <i>Achromobacter</i> Protease 1," <i>Biochimica et Biophysica Acta</i> , 660:51-55 (1981).	
	P6	NEIDHARDT, Frederick C., et al., "Chemical Composition of <i>Escherichia coli</i> ," <i>Escherichia coli and Salmonella Cellular and Molecular Biology</i> , Vol. I, pp. 13-16, ASM Press, Washington, DC (1996).	
	P7	TWIGG, Andrea J., et al., "Trans-Complementable Copy-Number Mutants of Plasmid ColE1," <i>Nature</i> , 283:216-218 (1980).	
	P8	KREDICH, Nicholas M., "Biosynthesis of Cysteine," <i>Escherichia coli and Salmonella Cellular and Molecular Biology</i> , Vol. I, pp.514-527, ASM Press, Washington, DC (1996).	
	P9	VOET, Donald et al., <i>Biochemistry</i> , Vol. 2, Second Edition, Tokyo Kagaku Dojin, pp. 869-870 (1988).	

Examiner  
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# PATENT



PROVISIONAL



UTILITY



DESIGN



PCT

Application No.: 10/030,452

Date: May 10, 2002

Client/Matter No.: 58777.000008

Client: Yuasa & Hara

Inventor(s): Masayuki YABUTA et al.

Atty/Sec.: RMS/JTP:nej

Title: METHODS FOR REDUCING THE FORMATION OF BY-  
PRODUCTS IN THE PRODUCTION OF RECOMBINANT  
POLYPEPTIDES

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Information Disclosure Statement (2 pgs)



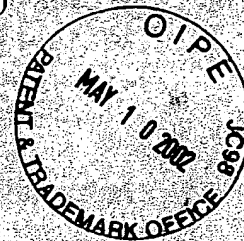
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Nineteen (19) cited references



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